

**PATENT**

**Docket No: 1004435-001US**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant(s) :** Timothy Cameron RALPH  
Elanor HUNTINGTON **Confirmation No.:** 5231

**Serial No. :** 10/577,799 **Group Art Unit:** 2872

**Filed :** November 28, 2006 **Examiner:** Jade R. Callaway

**For :** COMPONENTS FOR OPTICAL QUBITS  
IN THE RADIO FREQUENCY BASIS

Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**PETITION, AMENDMENT AND RESPONSE TO OFFICE ACTION**

SIR:

## **PETITION FOR EXTENSION OF TIME**

Applicant respectfully petitions for a **ONE (1)** month extension of time to respond to the Office Action dated December 29, 2008. The Commissioner is authorized to charge the requisite fee required for the extension of time to Deposit Account No. 504827, Order No. 1004435-001US.

## **AMENDMENT AND RESPONSE TO OFFICE ACTION**

This responds to the Office Action mailed on December 29, 2008.

**Amendments to the Abstract** begin on page 2 of this paper.

**Amendments to the claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks** begin on page 5 of this paper.